



# Office of Environmental Quality Control

## Bureau of Air Quality

### Title V Operating Permit

**Stingray Boat Company  
625 Railroad Avenue  
Hartsville, South Carolina 29551  
Darlington County**

In accordance with the provisions of the *Pollution Control Act*, Sections 48-1-50(5) and 48-1-110(a), the 1976 *Code of Laws of South Carolina*, as amended, and *South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards*, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on October 3, 2014, as amended.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

**Permit Number: TV-0820-0040**

**Issue Date: DRAFT**  
**Expiration Date: DRAFT**

**Effective Date: DRAFT**  
**Renewal Due Date: DRAFT**

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**Director, Engineering Services Division  
Bureau of Air Quality**

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RECORD OF REVISIONS		
Date	Type	Description of Change

AA Administrative Amendment  
MM Minor Modification  
SM Significant Modification

DRAFT

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**A. EMISSION UNIT DESCRIPTION**

Emission Unit ID	Emission Unit Description
01	Fiberglass Boat Manufacturing

**B EQUIPMENT AND CONTROL DEVICE(S)**

**B.1 EQUIPMENT FOR EMISSION UNIT ID 01 – Fiberglass Boat Manufacturing**

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
RFC	Resin Flow Coaters	1988/2000	CD-DF	B1A1-B1A9
GSG	Gelcoat Spray Guns	1988/2000	None	B1A1-B1A9 B5A1-B5A3 B5E1-B5E4
PSG	Paint Spray Guns	1988/2000	None	B3A1,B3A2 B4A1,B4A2
CG	Cement Guns	1988/2000	None	B3A1,B3A2 B4A1,B4A2
MT	Miscellaneous Tools (Grinding, Drilling, Sawing, etc..)	1988/2000	CD-DC CD-DF CD-WDC1	B1A1-B1A9 B3A1,B3A2 B4A1,B4A2 B5A1-B5A3 B5E1-B5E4 B1B1-B1B2

**B.2 CONTROL DEVICES FOR EMISSION UNIT ID 01 – Fiberglass Boat Manufacturing**

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-DC	Wood Cutting Process Dust Collector (Exhausts into building)	1989	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
CD-WDC1	Bldg 1 Wet Dust Collector	1989	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
CD-DF	Dry Filters (Bldg 5 Ceiling Exhausts, Bldg 1 & Bldg 5 Wall Exhausts)	1989	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

**C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS**  
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
C.1	<b>Emission Unit ID:</b> All <b>Equipment/Control Device ID:</b> All Equipment capacities provided under the Equipment Description column of the Equipment Tables above are not intended to be permit limits unless otherwise specified within the Table of Conditions for the particular equipment. However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.
C.2	<b>Emission Unit ID:</b> All

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**C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS**  
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p><b>Equipment/Control Device ID:</b> All</p> <p>(S.C. Regulation 61-62.1, Section II.J.1.g) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least 5 years from the date the record was generated and shall be made available to a Department representative upon request.</p>
C.3	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p><b>Control Device ID:</b> CD-DF, CD-DC, CD-WDC1</p> <p>The owner/operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer's specifications or good engineering practices. The owner or operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel.</p>
C.4	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p><b>Control Device ID:</b> CD-DF, CD-DC, CD-WDC1</p> <p>Particulate filter(s) shall be operational and in place at all times when equipment or processes with emissions controlled by the filter(s) are operating, except during periods of malfunction or mechanical failure. A schedule shall be implemented for the daily inspection and regular cleaning or replacement of the particulate filter(s). Records of these events shall be entered in a permanent media and maintained on site</p>
C.5	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> MT</p> <p><b>Control Device ID:</b> CD-DC, CD-WDC1</p> <p>The owner/operator shall check for worn or damaged dust collector filter bags on a weekly basis when the plant is in operation. All other manufacturer recommended dust collector maintenance checks shall be made on a monthly basis when the plant is in operation. Records of these events shall be entered in a permanent media and maintained on-site.</p>
C.6	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p><b>Control Device ID:</b> CD-DF, CD-DC, CD-WDC1</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31,</p>

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**C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS**  
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition				
	<p>1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.</p> <p>The owner/operator shall perform a visual inspection on a semiannual basis during source operation. Visual inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. No periodic monitoring for opacity will be required during periods of burning natural gas or propane only. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions. If a source did not operate during the required visual inspection time frame, the log shall indicate such. The owner/operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If only natural gas or propane was combusted or if the unit did not operate during the semiannual period, the report shall state so.</p>				
C.7	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p><b>Control Device ID:</b> CD-DF, CD-DC, CD-WDC1</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to the rate specified by use of the following equations:</p> <p style="padding-left: 40px;">For process weight rates less than or equal to 30 tons per hour  <math>E = (F) 4.10P^{0.67}</math> and</p> <p style="padding-left: 40px;">For process weight rates greater than 30 tons per hour  <math>E = (F) 55.0P^{0.11} - 40</math></p> <p style="padding-left: 40px;">Where E = the allowable emission rate in pounds per hour  P = process weight rate in tons per hour  F = effect factor from Table B in S.C. Regulation 61-62.5, Standard No. 4</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Process/Equipment IDs</th><th>Max Process Weight Rate (ton/hr)</th></tr> </thead> <tbody> <tr> <td>Fiberglass Boat Manufacturing</td><td>0.707</td></tr> </tbody> </table>	Process/Equipment IDs	Max Process Weight Rate (ton/hr)	Fiberglass Boat Manufacturing	0.707
Process/Equipment IDs	Max Process Weight Rate (ton/hr)				
Fiberglass Boat Manufacturing	0.707				
C.8	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>(S.C. Regulation 61-62.1, Section II.E) This facility is a potential major source for volatile organic compounds (VOC) emissions. The facility has agreed to federally enforceable operating limitations to limit its potential to emit to less than 250 tons per year for VOC emissions to avoid PSD.</p> <p>The owner/operator shall maintain records of all volatile organic compounds (VOC) and hazardous air pollutants (HAP). These records shall include the total amount of each material used, the VOC content in percent by weight of each material, the HAP content in percent by weight of each material, and any other records necessary to determine VOC and HAP emissions. VOC and HAP emissions shall be calculated on a monthly basis, and a twelve-month rolling</p>				

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**C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS**  
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	sum shall be calculated for total VOC, individual HAP, and total HAP emissions. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 250 tons for VOC. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually.  An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.

**D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY**

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	JJ	N/A	N/A	N/A
63	VVVV	Semi-Annual	January 1 through June 30 July 1 through December 31	Postmarked or delivered no later than 60 calendar days after the end of the semiannual reporting period

1. This table summarizes only the periodic compliance reporting schedule. Additional reports may be required. See specific NESHAP Subpart for additional reporting requirements and associated schedule.
2. This reporting schedule does not supersede any other reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, 40 CFR Part 63, and/or Title V. The MACT reporting schedule may be adjusted to coincide with the Title V reporting schedule with prior approval from the Department in accordance with 40 CFR Part 63.10.a.5. This request may be made 1 year after the compliance date for the associated MACT standard.

**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.1	All NESHAP notifications and reports shall be sent to the Manager of the Air Toxics Section, South Carolina Department of Health and Environmental Control - Bureau of Air Quality.
E.2	All NESHAP notifications and the cover letter to periodic reports shall be sent to the United States Environmental Protection Agency (US EPA) at the following address: <b>US EPA, Region 4</b> <b>Air, Pesticides and Toxics Management Division</b> <b>61 Forsyth Street SW</b> <b>Atlanta, GA 30303</b>

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**E. NESHAP - CONDITIONS**

<b>Condition Number</b>	<b>Condition</b>
E.3	<p>Emergency power generators less than or equal to 150 kilowatt (kW) rated capacity or greater than 150 kW rated capacity designated for emergency use only and operated a total of 500 hours per year or less for testing and maintenance with a method to record the actual hours of use such as an hour meter have been determined to be exempt from construction permitting requirements in accordance with South Carolina Regulation 61-62.1. These sources shall still comply with the requirements of all applicable regulations including but not limited to the following:</p> <p>New Source Performance Standards (NSPS) 40 CFR 60 Subpart A (General Provisions); NSPS 40 CFR 60 Subpart IIII (Stationary Compression Ignition Internal Combustion Engines); NSPS 40 CFR 60 Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines); National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart A (General Provisions); and NESHAP 40 CFR 63 Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines).</p>
E.4	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and Subpart JJ - National Emission Standards For Wood Furniture Manufacturing Operations. Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.</p> <p>The facility meets the definition of an incidental wood furniture manufacturer specified in 63.801. An incidental wood furniture manufacturer is a major source that is primarily engaged in the manufacture of products other than wood furniture or wood furniture components and that uses no more than 100 gallons per month of finishing material or adhesives in the manufacture of wood furniture or wood furniture components.</p> <p>According to 63.800, the owner or operator of a source that meets the criteria for an incidental wood furniture manufacturer shall maintain purchase or usage records demonstrating the source meets the criteria specified in 63.801, but the source shall not be subject to any other provisions of JJ.</p>
E.5	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and Subpart VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing. Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.i	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>(A) In accordance with 40CFR63.5689, the affected source (the portion of the boat manufacturing facility covered by 40CFR63 Subpart VVVV is the combination of all of the boat manufacturing operations listed in paragraphs (A)(1) through (A)(5).</p> <p>(A)(1) Open molding resin and gel coat operations (including pigmented gel coat, clear gel coat, production resin, tooling gel coat, and tooling resin).</p> <p>(A)(2) Closed molding resin operations.</p> <p>(A)(3) Resin and gel coat mixing operations.</p> <p>(A)(4) Resin and gel coat application equipment cleaning operations.</p> <p>(A)(5) Carpet and fabric adhesive operations.</p> <p>(B) In accordance 40CFR63.5692(b), the owner/operator's affected source subject to 40CFR63 Subpart VVVV is classified as an existing affected source.</p>



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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.ii	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5683(a), 40CFR63 Subpart VVVV applies if the owner/operator meets both of the criteria listed in 40CFR63.5683(a)(1) and 40CFR63.5683(a)(2).</p> <p>In accordance with 40CFR63.5683(a)(1), the owner/operator of a boat manufacturing facility that builds fiberglass boats or aluminum recreational boats.</p> <p>In accordance with 40CFR63.5683(a)(2), the boat manufacturing facility is a major source of HAP either in and of itself, or because it is collocated with other sources of HAP, such that all sources combined constitute a major source.</p> <p>In accordance with 40CFR63.5683(b), a boat manufacturing facility is a facility that manufactures hulls or decks of boats from fiberglass or aluminum, or assembles boats from premanufactured hulls and decks, or builds molds to make fiberglass hulls or decks. A facility that manufactures only parts of boats (such as hatches, seats, or lockers) or boat trailers is not considered a boat manufacturing facility for the purpose of 40CFR63 Subpart VVVV.</p> <p>In accordance with 40CFR63.5683(c), a major source is any stationary source or group of stationary sources located within a contiguous area and under common control that emits or can potentially emit, considering controls, in the aggregate, 9.1 megagrams (10 tons) or more per year of a single HAP or 22.7 megagrams (25 tons) or more per year of a combination of HAP.</p> <p>In accordance with 40CFR63.5683(d), 40CFR63 Subpart VVVV does not apply to aluminum coating operations on aluminum boats intended for commercial or military (nonrecreational) use, antifoulant coatings, assembly adhesives, fiberglass hull and deck coatings, research and development activities, mold sealing and release agents, mold stripping and cleaning solvents, and wood coatings as defined in 40CFR63.5779. 40CFR63 Subpart VVVV does not apply to materials contained in handheld aerosol cans.</p> <p>The owner/operator meets both of the criteria listed in 40CFR63.5683(a)(1) and 40CFR63.5683(a)(2) and is subject to 40CFR63 Subpart VVVV. Because the owner/operator is subject to 40CFR63 Subpart VVVV, it is also subject to 40CFR63 Subpart A (General Provisions).</p>
E.5.iii	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5698(a), organic HAP emissions from the five open molding operations listed in 40CFR63.5689(a)(1) through 40CFR63.5689(a)(5) must be limited to the emission limit specified in 40CFR63.5698(b). Operations listed in 40CFR63.5698(d) are exempt from this limit.</p> <p>In accordance with 40CFR63.5689(a)(1), Production resin.</p> <p>In accordance with 40CFR63.5689 (a)(2), Pigmented gel coat.</p> <p>In accordance with 40CFR63.5689 (a)(3), Clear gel coat.</p> <p>In accordance with 40CFR63.5689 (a)(4), Tooling resin.</p> <p>In accordance with 40CFR63.5689 (a)(5), Tooling gel coat.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.iv	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5698(b):</p> $\text{HAP Limit} = [46(M_R) + 159(M_{PG}) + 291(M_{CG}) + 54(M_{TR}) + 214(M_{TG})]$ <p>HAP Limit = total allowable organic HAP that can be emitted from the open molding operations, kilograms.</p> <p><math>M_R</math> = mass of production resin used in the past 12 months, excluding any materials exempt under 63.5698(d), megagrams.</p> <p><math>M_{PG}</math> = mass of pigmented gel coat used in the past 12 months, excluding any materials exempt under 63.5698(d), megagrams.</p> <p><math>M_{CG}</math> = mass of clear gel coat used in the past 12 months, excluding any materials exempt under 63.5698(d), megagrams.</p> <p><math>M_{TR}</math> = mass of tooling resin used in the past 12 months, excluding any materials exempt under 63.5698(d), megagrams.</p> <p><math>M_{TG}</math> = mass of tooling gel coat used in the past 12 months, excluding any materials exempt under 63.5698(d), megagrams.</p> <p>In accordance with 40CFR63.5689(c), the open molding emission limit is the same for both new and existing sources.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.v	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5698(d), the materials specified in 40CFR63.5698(d)(1) through 40CFR63.5698(d)(3) are exempt from the open molding emission limit specified in 40CFR63.5698(b).</p> <p>In accordance with 40CFR63.5698(d)(1), production resins (including skin coat resins) that must meet specifications for use in military vessels or must be approved by the U.S. Coast Guard for use in the construction of lifeboats, rescue boats, and other life-saving appliances approved under 46 CFR subchapter Q or the construction of small passenger vessels regulated by 46 CFR subchapter T. Production resins for which this exemption is used must be applied with nonatomizing (non-spray) resin application equipment. The owner/operator must keep a record of the resins for which it is using this exemption.</p> <p>In accordance with 40CFR63.5698(d)(2), pigmented, clear, and tooling gel coat used for part or mold repair and touch up. The total gel coat materials included in this exemption must not exceed 1 percent by weight of all gel coat used at the owner/operator's facility on a 12-month rolling-average basis. The owner/operator must keep a record of the amount of gel coats used per month for which it is using this exemption and copies of calculations showing that the exempt amount does not exceed 1 percent of all gel coat used.</p> <p>In accordance with 40CFR63.5698(d)(3) Pure, 100% vinylester resin used for skin coats. This exemption does not apply to blends of vinylester and polyester resins used for skin coats. The total resin materials included in the exemption cannot exceed 5 percent by weight of all resin used at the owner/operator's facility on a 12-month rolling-average basis. The owner/operator must keep a record of the amount of 100 percent vinylester skin coat resin used per month that is eligible for this exemption and copies of calculations showing that the exempt amount does not exceed 5 percent of all resin used.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition																											
E.5.vi	<b>Emission Unit ID:</b> 01																											
	<b>Equipment ID:</b> RFC, GSG, PSG, CG, MT																											
	(A) In accordance with 40CFR63.5701(a), if the owner/operator selects to demonstrate compliance using the Maximum Achievable Control Technology (MACT) model point value averaging (emissions averaging) option, then in accordance with 40CFR63.5701(a)(1), the owner/operator must demonstrate that emissions from the open molding resin and gel coat operations that it averages meet the emission limit in 40CFR63.5698 using the procedures described in 40CFR63.5710. Compliance with this option is based on a 12-month rolling average. In accordance with 40CFR63.5698(a)(2), those operations and materials not included in the emissions average must comply with 40CFR63.5698(b).																											
	(B) In accordance with 40CFR63.5701(b), if the owner/operator selects to demonstrate compliance using the Compliant Materials option, the owner/operator must demonstrate compliance by using resins and gel coats that meet the organic HAP content requirements in Table 2 to Subpart VVVV. Compliance with this option is based on a 12-month rolling average.																											
	<table><tr><th colspan="3">TABLE 2 TO SUBPART VVVV</th></tr><tr><th>Operation</th><th>Application Method</th><th>Weighted Average Organic HAP Content (Weight %) Requirement</th></tr><tr><td>Production Resin Operations</td><td>Atomized (Spray)</td><td>28%</td></tr><tr><td>Production Resin Operations</td><td>Nonatomized (Nonspray)</td><td>35%</td></tr><tr><td>Pigmented Gel Coat Operations</td><td>Any Method</td><td>33%</td></tr><tr><td>Clear Gel Coat Operations</td><td>Any Method</td><td>48%</td></tr><tr><td>Tooling Resin Operations</td><td>Atomized (Spray)</td><td>30%</td></tr><tr><td>Tooling Resin Operations</td><td>Nonatomized (Nonspray)</td><td>39%</td></tr><tr><td>Tooling Gel Coat Operations</td><td>Any Method</td><td>40%</td></tr></table>	TABLE 2 TO SUBPART VVVV			Operation	Application Method	Weighted Average Organic HAP Content (Weight %) Requirement	Production Resin Operations	Atomized (Spray)	28%	Production Resin Operations	Nonatomized (Nonspray)	35%	Pigmented Gel Coat Operations	Any Method	33%	Clear Gel Coat Operations	Any Method	48%	Tooling Resin Operations	Atomized (Spray)	30%	Tooling Resin Operations	Nonatomized (Nonspray)	39%	Tooling Gel Coat Operations	Any Method	40%
	TABLE 2 TO SUBPART VVVV																											
	Operation	Application Method	Weighted Average Organic HAP Content (Weight %) Requirement																									
	Production Resin Operations	Atomized (Spray)	28%																									
	Production Resin Operations	Nonatomized (Nonspray)	35%																									
	Pigmented Gel Coat Operations	Any Method	33%																									
Clear Gel Coat Operations	Any Method	48%																										
Tooling Resin Operations	Atomized (Spray)	30%																										
Tooling Resin Operations	Nonatomized (Nonspray)	39%																										
Tooling Gel Coat Operations	Any Method	40%																										

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.vii	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>(A) In accordance with 40CFR63.5704(a), for those open molding operations and materials complying using the emissions averaging option, the owner/operator must demonstrate compliance by performing the steps in 40CFR63.5704(a)(1) through 40CFR63.5704(a)(5).</p> <p>(B) In accordance with 40CFR63.5704(a)(1), use the methods specified in 40CFR63.5758 to determine the organic HAP content of resins and gel coats.</p> <p>(C) In accordance with 40CFR63.5704(a)(2), complete the calculations described in 40CFR63.5710 to show that the organic HAP emissions do not exceed the limit specified in 40CFR63.5698.</p> <p>(D) In accordance with 40CFR63.5704(a)(3), keep records as specified in paragraphs (D)(1) through (D)(4) for each resin and gel coat.</p> <p>(D)(1) In accordance with 40CFR63.5704(a)(3)(i), records of the hazardous air pollutant content.</p> <p>(D)(2) In accordance with 40CFR63.5704(a)(3)(ii), records of the amount of material used per month.</p> <p>(D)(3) In accordance with 40CFR63.5704(a)(3)(iii), records of the application method used for production resin and tooling resin. This record is not required if all production resins and tooling resins are applied with nonatomized technology.</p> <p>(D)(4) In accordance with 40CFR63.5704(a)(3)(iv), records of the calculations performed to demonstrate compliance based on MACT model point values, as described in 40CFR63.5710.</p> <p>(E) In accordance with 40CFR63.5704(a)(4), prepare and submit the implementation plan described in 40CFR63.5707 to the Department and keep it up to date.</p> <p>(F) In accordance with 40CFR63.5704(a)(5), submit semiannual compliance reports to the Department as specified in 40CFR63.5764.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.viii	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>(A) In accordance with 40CFR63.5704(b), for each open molding operation complying using the compliant materials option, you must demonstrate compliance by performing the steps in 40CFR63.5707(b)(1) through 50CFR63.5707(b)(4).</p> <p>(B) In accordance with 40CFR63.5707(b)(1), use the methods specified in 40CFR63.5758 to determine the organic HAP content of resins and gel coats.</p> <p>(C) In accordance with 40CFR63.5707(b)(2), complete the calculations described in 40CFR63.5713 to show that the weighted-average organic HAP content does not exceed the limit specified in Table 2 to Subpart VVVV.</p> <p>(D) In accordance with 40CFR63.5707(b)(3), keep records as specified in paragraphs (D)(1) through (D)(4) for each resin and gel coat.</p> <p>(D)(1) In accordance with 40CFR63.5707(b)(3)(i), records of the hazardous air pollutant content.</p> <p>(D)(2) In accordance with 40CFR63.5707(b)(3)(ii), records of the application method for production resin and tooling resin. This record is not required if all production resins and tooling resins are applied with nonatomized technology.</p> <p>(D)(3) In accordance with 40CFR63.5707(b)(3)(iii), records of the amount of material used per month. This record is not required for an operation if all materials used for that operation comply with the organic HAP content requirements.</p> <p>(D)(4) In accordance with 40CFR63.5707(b)(3)(iv), records of the calculations performed, if required, to demonstrate compliance based on weighted-average organic HAP content as described in 40CFR63.5713.</p> <p>(E) In accordance with 40CFR63.5707(b)(4), submit semiannual compliance reports to the Department as specified in 40CFR63.5764.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.ix	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>(A) In accordance with 40CFR63.5707(a), the owner/operator must prepare an implementation plan for all open molding operations for which it complies by using the emissions averaging option described in 40CFR63.5704(a).</p> <p>(B) In accordance with 40CFR63.5707(b), the implementation plan must describe the steps the owner/operator will take to bring the open molding operations covered by 40CFR63 Subpart VVVV into compliance. For each operation included in the emissions average, the implementation plan must include the elements listed in 40CFR63.5707(b)(1) through 40CFR63.5707(b)(3).</p> <p>(B)(1) In accordance with 40CFR63.5707(b)(1), a description of each operation included in the average.</p> <p>(B)(2) In accordance with 40CFR63.5707(b)(2), the maximum organic HAP content of the materials used, the application method used (if any atomized resin application methods are used in the average), and any other methods used to control emissions.</p> <p>(B)(3) In accordance with 40CFR63.5707(b)(3), calculations showing that the operations covered by the plan will comply with the open molding emission limit specified in 40CFR63.5698.</p> <p>(C) In accordance with 40CFR63.5707(c), the owner/operator must submit the implementation plan to the Department with the notification of compliance status specified in 40CFR63.5761.</p> <p>(D) In accordance with 40CFR63.5707(d), the owner/operator must keep the implementation plan on site and provide it to the Department when asked.</p> <p>(E) In accordance with 40CFR63.5707(e), if the owner/operator revises the implementation plan, then it must submit the revised plan with your next semiannual compliance report specified in 40CFR63.5764.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.x	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>(A) In accordance with 40CFR63.5728(a), if a resin application operation meets the definition of closed molding specified in 40CFR63.5779, there is no requirement to reduce emissions from that operation.</p> <p>(B) In accordance with 40CFR63.5728(b), if the resin application operation does not meet the definition of closed molding, then the limit for open molding resin operations specified in 40CFR63.5698 must be complied with.</p> <p>(C) In accordance with 40CFR63.5738(c), open molding resin operations that precede a closed molding operation must comply with the limit for open molding resin and gel coat operations specified in 40CFR63.5698. Examples of these operations include gel coat or skin coat layers that are applied before lamination is performed by closed molding.</p> <p>In accordance with 40CFR63.5779, closed molding means any molding process in which pressure is used to distribute the resin through the reinforcing fabric placed between two mold surfaces to either saturate the fabric or fill the mold cavity. The pressure may be clamping pressure, fluid pressure, atmospheric pressure, or vacuum pressure used either alone or in combination. The mold surfaces may be rigid or flexible. Closed molding includes, but is not limited to, compression molding with sheet molding compound, infusion molding, resin injection molding (RIM), vacuum-assisted resin transfer molding (VARTM), resin transfer molding (RTM), and vacuum-assisted compression molding. Processes in which a closed mold is used only to compact saturated fabric or remove air or excess resin from the fabric (such as in vacuum bagging), are not considered closed molding. Open molding steps, such as application of a gel coat or skin coat layer by conventional open molding prior to a closed molding process, are not closed molding.</p>
E.5.xi	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5731(a), all resin and gel coat mixing containers with a capacity equal to or greater than 208 liters, including those used for on-site mixing of putties and polyputties, must have a cover with no visible gaps in place at all times.</p> <p>In accordance with 40CFR63.5731(b), the work practice standard in 40CFR63.5731(a), does not apply when material is being manually added to or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container.</p> <p>In accordance with 40CFR63.5731(c), to demonstrate compliance with the work practice standard in 40CFR63.5731(a), the owner/operator must visually inspect all mixing containers subject to this standard at least once per month. The inspection should ensure that all containers have covers with no visible gaps between the cover and the container, or between the cover and equipment passing through the cover.</p>
E.5.xii	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5740(a), the owner/operator must use carpet and fabric adhesives that contain no more than 5% organic HAP by weight.</p> <p>In accordance with 40CFR63.5740(b), to demonstrate compliance with this limit, the owner/operator must determine and record the organic HAP content of the carpet and fabric adhesives using the methods in 40CFR63.5758.</p>



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**E. NESHAP - CONDITIONS**

<b>Condition Number</b>	<b>Condition</b>
E.5.xiii	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5734(a), for routine flushing of resin and gel coat application equipment (e.g., spray guns, flowcoaters, brushes, rollers, and squeegees), the owner/operator must use a cleaning solvent that contains no more than 5% organic HAP by weight. For removing cured resin or gel coat from application equipment, no organic HAP content limit applies.</p> <p>In accordance with 40CFR63.5734(b), the owner/operator must store organic HAP-containing solvents used for removing cured resin or gel coat in containers with covers. The covers must have no visible gaps and must be in place at all times, except when equipment to be cleaned is placed in or removed from the container. On containers with a capacity greater than 7.6 liters, the distance from the top of the container to the solvent surface must be no less than 0.75 times the diameter of the container. Containers that store organic HAP-containing solvents used for removing cured resin or gel coat are exempt from the requirements of 40CFR63 Subpart T. Cured resin or gel coat means resin or gel coat that has changed from a liquid to a solid.</p> <p>In accordance with 40CFR63.5737(a), the owner/operator must determine and record the organic HAP content of the cleaning solvents subject to the standards specified in 40CFR63.5734 using the methods specified in 40CFR63.5758.</p> <p>In accordance with 40CFR63.5737(b), if the owner/operator recycle cleaning solvents on site, then it may use documentation from the solvent manufacturer or supplier or a measurement of the organic HAP content of the cleaning solvent as originally obtained from the solvent supplier for demonstrating compliance, subject to the conditions in 40CFR63.5758 for demonstrating compliance with organic HAP content limits.</p> <p>In accordance with 40CFR63.5737(c), at least once per month, the owner/operator must visually inspect any containers holding organic HAP-containing solvents used for removing cured resin and gel coat to ensure that the containers have covers with no visible gaps.</p>
E.5.xiv	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.9(j), any change in the information already provided under 40CFR63.9 (Notification Requirements) shall be provided to the Department in writing within 15 calendar days after the change.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.xv	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5764( b), unless the Administrator has approved a different schedule for submission of reports under 40CFR63.10(a), the owner/operator must submit each report by the dates in paragraphs (a) through (e).</p> <p>(a) In accordance with 40CFR63.5764(b)(1), if the owner/operator's source is not controlled by an add-on control device (i.e., complying with organic HAP content limits, application equipment requirements, or MACT model point value averaging provisions), the first compliance report must cover the period beginning 12 months after the compliance date specified for the source in 40CFR63.5695 and ending on June 30 or December 31, whichever date is the first date following the end of the first 12-month period after the compliance date that is specified for the source in 40CFR63.5695.</p> <p>(b) In accordance with 40CFR63.5764(b)(2), the first compliance report must be postmarked or delivered no later than 60 calendar days after the end of the compliance reporting period specified in 40CFR63.5764(b)(1).</p> <p>(c) In accordance with 40CFR63.5764(b)(3), each subsequent compliance report must cover the applicable semiannual reporting period from January 1 through June 30 or from July 1 through December 31.</p> <p>(d) In accordance with 40CFR63.5764(b)(4), each subsequent compliance report must be postmarked or delivered no later than 60 calendar days after the end of the semiannual reporting period.</p> <p>(e) In accordance with 40CFR63.5764(b)(5), for each affected source that is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40CFR70.6(a)(3)(iii)(A) or 40CFR 71.6(a)(3)(iii)(A), the owner/operator may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in 40CFR63.5764(b)(1) through 40CFR63.5764(b)(4).</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.xvi	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.5764(c), the compliance report must include the information specified in paragraphs (a) through (g) of this condition.</p> <p>(a) In accordance with 40CFR63.5764(c)(1), the company name and address.</p> <p>(b) In accordance with 40CFR63.5764(c)(2), a statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the report.</p> <p>(c) In accordance with 40CFR63.5764(c)(3), the date of the report and the beginning and ending dates of the reporting period.</p> <p>(d) In accordance with 40CFR63.5764(c)(4), a description of any changes in the manufacturing process since the last compliance report.</p> <p>(e) In accordance with 40CFR63.5764(c)(5), a statement or table showing, for each regulated operation, the applicable organic HAP content limit, application equipment requirement, or MACT model point value averaging provision with which the owner/operator is complying. The statement or table must also show the actual weighted-average organic HAP content or weighted-average MACT model point value (if applicable) for each operation during each of the rolling 12-month averaging periods that end during the reporting period.</p> <p>(f) In accordance with 40CFR63.5764(c)(6), If the owner/operator was in compliance with the emission limits and work practice standards during the reporting period, it must include a statement to that effect.</p> <p>(g) In accordance with 40CFR63.5764(c)(7), if the owner/operator deviated from an emission limit or work practice standard during the reporting period, you must also include the information listed in paragraphs (g)(1) through (g)(4) in the semiannual compliance report.</p> <p>(g)(1) In accordance with 40CFR63.5764(c)(7)(i), a description of the operation involved in the deviation.</p> <p>(g)(2) In accordance with 40CFR63.5764(c)(7)(ii), the quantity, organic HAP content, and application method (if relevant) of the materials involved in the deviation.</p> <p>(g)(3) In accordance with 40CFR63.5764(c)(7)(iii), a description of any corrective action the owner/operator took to minimize the deviation and actions you have taken to prevent it from happening again.</p> <p>(g)(4) In accordance with 40CFR63.5764(c)(7)(iv), a statement of whether or not the facility was in compliance for the 12-month averaging period that ended at the end of the reporting period.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.xvii	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>(A) In accordance with 40CFR63.5731(d), the owner/operator must keep records of which mixing containers are subject to 40CFR63 Subpart VVVV and the results of the inspections, including a description of any repairs or corrective actions taken.</p> <p>(B) In accordance with 40CFR63.5737(c), the owner/operator must keep records of the monthly inspections and any repairs made to the covers.</p> <p>(C) In accordance with 40CFR63.5767, the owner/operator must keep the records specified in paragraphs (C)(1) through (C)(3) in addition to records specified in individual sections of 40CFR63 Subpart VVVV.</p> <p>(C)(1) The owner/operator must keep a copy of each notification and report that it submitted to comply with Subpart VVVV.</p> <p>(C)(2) The owner/operator must keep all documentation supporting any notification or report that it submitted.</p> <p>(C)(3) If the owner/operator's facility is not controlled by an add-on control device (i.e., the owner/operator is complying with organic HAP content limits, application equipment requirements, or MACT model point value averaging provisions), then it must keep records of the total amounts of open molding production resin, pigmented gel coat, clear gel coat, tooling resin, and tooling gel coat used per month and the weighted-average organic HAP contents for each operation, expressed as weight-percent. For open molding production resin and tooling resin, you must also record the amounts of each applied by atomized and nonatomized methods.</p> <p>(D) In accordance with 40CFR63.5770(a), records must be readily available and in a form so they can be easily inspected and reviewed.</p> <p>(E) In accordance with 40CFR63.5770(b), each record must be kept for five(5) years following the date that each record is generated.</p> <p>(F) In accordance with 40CFR63.5770(c), each record must be kept on site for at least 2 years after the date that each record is generated. After two(2) years the records can be kept offsite for the remaining three(3) years.</p> <p>(G) In accordance with 40CFR63.5770(d), the records can be kept on paper or an alternative media, such as microfilm, computer, computer disks, magnetic tapes, or on microfiche.</p> <p>(H) In accordance with 40CFR63.10(b)(2)(xiv), records must be kept of all documentation supporting initial notifications and notifications of compliance status under 40CFR63.9.</p>

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**E. NESHAP - CONDITIONS**

Condition Number	Condition
E.5.xviii	<p><b>Emission Unit ID:</b> 01</p> <p><b>Equipment ID:</b> RFC, GSG, PSG, CG, MT</p> <p>In accordance with 40CFR63.10(b)(3), if an owner/operator determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants regulated by any standard established pursuant to section 112(d) or 112(f), and that stationary source is in the source category regulated by the relevant standard, but that source is not subject to the relevant standard (or other requirement established under this part) because of limitations on the source's potential to emit or an exclusion, the owner/ operator must keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first.</p> <p>The record of the applicability determination must be signed by the person making the determination and include an analysis (or other information) that demonstrates why the owner/operator believes the source is unaffected (e.g., because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the Department to make a finding about the source's applicability status with regard to the relevant standard or other requirement. If relevant, the analysis must be performed in accordance with requirements established in relevant subparts of this part for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with EPA guidance materials published to assist sources in making applicability determinations under section 112, if any. The requirements to determine applicability of a standard under 40CFR63.1(b)(3) and to record the results of that determination under 40CFR63.10(b)(3) shall not by themselves create an obligation for the owner/operator to obtain a Title V permit.</p>

**F. RESERVED**

**G. PERMIT SHIELD**

Condition Number	Condition												
G.1	<p>(S.C. Regulation 61-62.70.6.f) A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment – Applicable and Non-Applicable Federal and State Regulations. With the exception of those listed below, compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in the permit. Exceptions to this are stated below in the <i>Permit Shield Exceptions</i> Table. The owner or operator shall also be shielded from the non-applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the <i>Permit Shield Exceptions</i> Table.</p> <table><tr><th colspan="2">Permit Shield Exceptions</th></tr><tr><td colspan="2">SC Regulation 61-62.1, Definitions and General Requirements</td></tr><tr><td colspan="2">SC Regulation 61-62.5, Air Pollution Control Standards</td></tr><tr><td colspan="2">SC Regulation 61-62.5 Standard No. 7, Prevention of Significant Deterioration</td></tr><tr><td colspan="2">SC Regulation 61-62.5 Standard No. 7.1, Nonattainment New Source Review (NSR)</td></tr><tr><td colspan="2">40 CFR Part 61 Subpart M, National Emission Standard for Asbestos</td></tr></table>	Permit Shield Exceptions		SC Regulation 61-62.1, Definitions and General Requirements		SC Regulation 61-62.5, Air Pollution Control Standards		SC Regulation 61-62.5 Standard No. 7, Prevention of Significant Deterioration		SC Regulation 61-62.5 Standard No. 7.1, Nonattainment New Source Review (NSR)		40 CFR Part 61 Subpart M, National Emission Standard for Asbestos	
Permit Shield Exceptions													
SC Regulation 61-62.1, Definitions and General Requirements													
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40 CFR Part 61 Subpart M, National Emission Standard for Asbestos													

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**G. PERMIT SHIELD**

Condition Number	Condition
	Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders, of the Clean Air Act; the liability of the owner or operator for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408.a of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (S.C. Regulation 61-62.70.7.e.2), group processing of minor permit modifications (S.C. Regulation 61-62.70.7.e.3), or operational flexibility (S.C. Regulation 61-62.70.7.e.5.i), except as specified in S.C. Regulation 61-62.70.7.e.5.iii.

**H. PERMIT FLEXIBILITY**

Condition Number	Conditions
H.1	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5.c and exempt sources as listed in S.C. Regulation 61-62.1, Section II.B, without revising or reopening the Title V Operating Permit. A list of insignificant activities/exempt sources must be maintained on site, along with any necessary documentation to support the determination that the activity is insignificant and/or exempt, and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

**I. RESERVED**

**J. TITLE V PERIODIC REPORTING SCHEDULE**

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 <sup>th</sup> July 30 <sup>th</sup> October 30 <sup>th</sup> January 30 <sup>th</sup>
Semiannual	January-June April-September July-December October-March	July 30 <sup>th</sup> October 30 <sup>th</sup> January 30 <sup>th</sup> April 30 <sup>th</sup>
Note: This reporting schedule does not supersede any Federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All Federal reports must meet the reporting time frames specified in the Federal standard unless the Department or EPA approves a change.		

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**K. TITLE V COMPLIANCE CERTIFICATION REPORTING SCHEDULE**

<b>Title V Compliance Certification Submittal Frequency</b>	<b>Reporting Period (Begins on the effective date of the permit)</b>	<b>Report Due Date</b>
Annual	January-December April-March July-June October-September	February 14 <sup>th</sup> May 15 <sup>th</sup> August 14 <sup>th</sup> November 14 <sup>th</sup>

**L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS**

<b>Condition Number</b>	<b>Condition</b>
L.1	Reporting required in this permit, shall be submitted in a timely manner as directed in the Title V Periodic Reporting Schedule and the Title V Compliance Certification Reporting Schedule of this permit. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5.d.
L.2	All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address: <p style="text-align: center;"><b>2600 Bull Street</b>  <b>Columbia, SC 29201</b></p> The contact information for the local EQC Regional office can be found at: <p style="text-align: center;"><b><a href="http://www.scdhec.gov">http://www.scdhec.gov</a></b></p>
L.3	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality.
L.4	All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Manager of the Technical Management Section, Bureau of Air Quality. <p style="text-align: center;"><b>US EPA, Region 4</b>  <b>Air Enforcement Branch</b>  <b>61 Forsyth Street SW</b>  <b>Atlanta, GA 30303</b></p>
L.5	(S.C. Regulation 61-62.70.6.a.3.ii) The owner or operator shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements: 1. Records of required monitoring information shall include the following: a. The date, place as defined in the permit, and time of sampling or measurements; b. The date(s) analyses were performed; c. The company or entity that performed the analyses; d. The analytical techniques or methods used; e. The results of such analyses; and f. The operating conditions as existing at the time of sampling or measurement; 2. Records of all required monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
L.6	In accordance with S.C. Regulation 61-62.1, Section II.J, for sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the Department's local Environmental Quality Control (EQC) Regional office within twenty-four (24) hours after the beginning of the occurrence.

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**L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS**

Condition Number	Condition
	<p>The owner or operator shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ) and shall include, at a minimum, the following:</p> <ol style="list-style-type: none"> <li>1. The identity of the stack and/or emission point where the excess emissions occurred;</li> <li>2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions;</li> <li>3. The time and duration of excess emissions;</li> <li>4. The identity of the equipment causing the excess emissions;</li> <li>5. The nature and cause of such excess emissions;</li> <li>6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction;</li> <li>7. The steps taken to limit the excess emissions; and,</li> <li>8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions.</li> </ol>
L.7	<p>(S.C. Regulation 61-62.70.6.c.5.iii) The responsible official shall certify, annually, compliance with the conditions of this permit as required under S.C. Regulation 61-62.70.6.c. The compliance certification shall include the following:</p> <ol style="list-style-type: none"> <li>1. The identification of each term or condition of the permit that is the basis of the certification.</li> <li>2. The identification of the method(s) or means used by the owner or operator for determining the compliance status with each term and condition of the permit during the certification period.</li> <li>3. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in S.C. Regulation 61-62.70.6.c.5.iii.B. The certification shall identify each deviation and take it into account in the compliance certification.</li> <li>4. Such other facts as the Department may require to determine the compliance status of the source.</li> </ol>
L.8	<p>(S.C. Regulation 61-62.1, Section II.M) Within 30 days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner or operator shall submit to the Director of Engineering Services a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.</p>

**M. GENERAL FACILITY WIDE**

Condition Number	Condition
M.1	The owner or operator shall comply with S.C. Regulation 61-62.2 "Prohibition of Open Burning."
M.2	The owner or operator shall comply with S.C. Regulation 61-62.3 "Air Pollution Episodes."
M.3	The owner or operator shall comply with S.C. Regulation 61-62.4 "Hazardous Air Pollution Conditions."
M.4	The owner or operator shall comply with S.C. Regulation 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide."
M.5	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.



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**M. GENERAL FACILITY WIDE**

Condition Number	Condition
M.6	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
M.7	The owner or operator shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the owner or operator performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the owner or operator is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
M.8	(S.C. Regulation 61-62.70.6.a.5) The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
M.9	(S.C. Regulation 61-62.70.6.a.6.i) The owner or operator must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the S.C. Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.
M.10	(S.C. Regulation 61-62.70.6.a.6.ii) It shall not be a defense for an owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
M.11	(S.C. Regulation 61-62.70.6.a.6.iii) The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the owner or operator for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
M.12	(S.C. Regulation 61-62.70.6.a.6.iv) The permit does not convey any property rights of any sort, or any exclusive privilege.
M.13	(S.C. Regulation 61-62.70.6.a.6.v) The owner or operator shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the owner or operator shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the owner or operator may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the owner or operator furnish such records directly to the Administrator along with a claim of confidentiality.
M.14	(S.C. Regulation 61-62.70.6.a.8) No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
M.15	(S.C. Regulation 61-62.70.6.c.2) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following: <ol style="list-style-type: none"> <li>1. Enter upon the owner or operator's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit.</li> <li>2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.</li> <li>3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.</li> <li>4. As authorized by the Act and/or the S.C. Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.</li> </ol>
M.16	(S.C. Regulation 61-62.70.6.g) In the case of an emergency, as defined in S.C. Regulation 61-62.70.6.g.1, the owner or operator shall demonstrate an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that: <ol style="list-style-type: none"> <li>1. An emergency occurred and that the owner or operator can identify the cause(s) of the emergency;</li> </ol>

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**M. GENERAL FACILITY WIDE**

Condition Number	Condition
	<p>2. The permitted facility was at the time being properly operated; and</p> <p>3. During the period of the emergency the owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and</p> <p>4. The owner or operator shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed by written notifications within thirty (30) days. This notice fulfills the requirement of S.C. Regulation 61-62.70.6.a.3.iii.B. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the owner or operator seeking to establish the occurrence of an emergency has the burden of proof.</p>
M.17	(S.C. Regulation 61-62.70.6.a.1.ii) Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.
M.18	(S.C. Regulation 61-62.70.6.a.4) According to S.C. Regulation 61-62.70.6.a.4, the owner or operator is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.
M.19	(S.C. Regulation 61-62.70.7.c.1.ii) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with S.C. Regulation 61-62.70.5.a.1.iii, 62.70.5.a.2.iv, and 62.70.7.b. In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to S.C. Regulation 61-62.70.6.f shall remain in effect until the renewal permit has been issued or denied.
M.20	Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).
M.21	(S.C. Regulation 61-62.70.6.a.7) The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to S.C. Regulation 61-62.70.9. Failure to pay applicable fee can be considered grounds for permit revocation.
M.22	<p>(S.C. Regulation 61-62.1, Section III) The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to S.C. Regulation 61-62.1, Section III. These Emissions Inventory Reports shall be submitted to the Manager of the Emissions Inventory Section, Bureau of Air Quality.</p> <p>This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.</p>
M.23	This permit expressly incorporates insignificant activities. Emissions from these activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III.B.2.g.

## Attachment - Applicable and Non-Applicable Federal and State Regulations

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The following contains the Federal and South Carolina air pollution regulations and their applicability, as specified in the Part 70 permit application.

PERMIT SHIELD		
1.Citation	2. Regulation	3. Applicable (Y/N)
<b>Part 1. South Carolina DHEC Regulation 61-62 Air Pollution Control and Standards</b>		
62.1	Definitions and General Requirements	Y
62.2	Prohibition of Open Burning	Y
62.3	Air Pollution Episodes	N
62.4	Hazardous Air Pollution Conditions	Y
62.5	Air Pollution Control Standards	
Std. No. 1	Emissions from Fuel Burning Operations	Y
Std. No. 2	Ambient Air Quality Standards	Y
Std. No. 3	Waste Combustion and Reduction	N
Std. No. 3.1	Hospital, Medical, Infectious Waste Incinerators (HMIWI)	N
Std. No. 4	Emissions from Process Industries	Y
Std. No. 5	Volatile Organic Compounds	N
Std. No. 5.2	Control of Oxides of Nitrogen	N
Std. No. 6	Alternative Emission Limitation Options	N
Std. No. 7	Prevention of Significant Deterioration	N
Std. No. 8	Toxic Air Pollutants	Y
62.6	Control of Fugitive Particulate Matter	Y
62.7	Good Engineering Practice Stack Height	Y
62.60	SC Designated Facility Plan and NSPS (Subparts A - DDDD)	N
62.63	National Emission Standards for Hazardous Air Pollutants (Subparts A - VVVV)	N
62.68	Chemical Accident Prevention Provisions	N
62.70	Title V Operating Permit Program	Y
62.72	Acid Rain	N
62.96	NO <sub>x</sub> Budget Trading Program	N
62.99	NO <sub>x</sub> Budget Trading Program Requirements for Stationary Sources Not in the Trading Program	N

## Attachment - Applicable and Non-Applicable Federal and State Regulations

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PERMIT SHIELD		
1.Citation	2. Regulation	3. Applicable (Y/N)
<b>Part 2. 40 CFR 60 New Source Performance Standards</b>		
Subpart:		
A	General Provisions	N
B	Adoption and Submittal of State Plans for Designated Facilities	N
C	Emission Guidelines and Compliance Times	N
Cb	Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or Before September 20, 1994.	N
Cc	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	N
Cd	Emissions Guidelines and Compliance Times for Sulfuric Acid Production Units	N
Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators	N
D	Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After	N
	August 17, 1971	N
Da	Electric Utility Steam Generating Units for Which Construction is Commenced after September 18, 1978	N
Db	Industrial-Commercial-Institutional Steam Generating Units	N
Dc	Small Industrial-Commercial-Institutional Steam Generating Units	N
E	Incinerators	N
Ea	Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989 and on or Before September 20, 1994	N
Eb	Large Municipal Waste Combustors for Which Construction is Commenced after September 20, 1994 or for Which Modification or Reconstruction is Commenced after June 19, 1996.	N
Ec	Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20, 1996	N
F	Portland Cement Plants	N
G	Nitric Acid Plants	N
H	Sulfuric Acid Plants	N
I	Hot Mix Asphalt Facilities	N
J	Petroleum Refineries	N
K	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	N

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PERMIT SHIELD		
1.Citation	2. Regulation	3. Applicable (Y/N)
Ka	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	N
Kb	Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	N
L	Secondary Lead Smelters	N
M	Secondary Brass and Bronze Production Plants	N
N	Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973	N
Na	Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced After January 20, 1983	N
O	Sewage Treatment Plants	N
P	Primary Copper Smelters	N
Q	Primary Zinc Smelters	N
R	Primary Lead Smelters	N
S	Primary Aluminum Reduction Plants	N
T	Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plants	N
U	Phosphate Fertilizer Industry: Super Phosphoric Acid Plants	N
V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants	N
W	Phosphate Fertilizer Industry: Triple Superphosphate Plants	N
X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	N
Y	Coal Preparation Plants	N
Z	Ferroalloy Production Facilities	N
AA	Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974 and on or Before August 17, 1983	N
AAa	Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983	N
BB	Kraft Pulp Mills	N
CC	Glass Manufacturing Plants	N
DD	Grain Elevators	N
EE	Surface Coating of Metal Furniture	N
GG	Stationary Gas Turbines	N
HH	Lime Manufacturing Plants	N
KK	Lead-Acid Battery Manufacturing Plants	N

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PERMIT SHIELD		
1.Citation	2. Regulation	3. Applicable (Y/N)
LL	Metallic Mineral Processing Plants	N
MM	Automobile and Light Duty Truck Surface Coating Operations	N
NN	Phosphate Rock Plants	N
PP	Ammonium Sulfate Manufacture	N
QQ	Graphic Arts Industry: Publication Rotogravure Printing	N
RR	Pressure Sensitive Tape and Label Surface Coating Operations	N
SS	Industrial Surface Coating: Large Appliances	N
TT	Metal Coil Surface Coating	N
UU	Asphalt Processing and Asphalt Roofing Manufacture	N
VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Mfg. Industry	N
WW	Beverage Can Surface Coating Industry	N
XX	Bulk Gasoline Terminals	N
AAA	New Residential Wood Heaters	N
BBB	Rubber Tire Manufacturing Industry	N
DDD	Volatile Organic Compound Emissions from the Polymer Manufacturing Industry	N
FFF	Flexible Vinyl and Urethane Coating and Printing	N
GGG	Equipment Leaks of VOC in Petroleum Refineries	N
HHH	Synthetic Fiber Production Facilities	N
III	Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes	N
JJJ	Petroleum Dry Cleaners	N
KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	N
LLL	Onshore Natural Gas Processing: SO2 Emissions	N
NNN	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations	N
OOO	Nonmetallic Mineral Processing Plants	N
PPP	Wool Fiberglass Insulation Manufacturing Plants	N
QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems	N
RRR	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Reactor Processes	N
SSS	Magnetic Tape Coating Facilities	N

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<b>PERMIT SHIELD</b>		
<b>1.Citation</b>	<b>2. Regulation</b>	<b>3. Applicable (Y/N)</b>
TTT	Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	N
UUU	Calciners and Dryers in Mineral Industries	N
VVV	Polymeric Coating of Supporting Substrates Facilities	N
WWW	Municipal Solid Waste Landfills	N
AAAA	Standards of Performance for Small Municipal Waste Combustion Units for Which Commenced After August 30, 1999 or for Which Modifications or Reconstruction is Commenced After June 6, 2001	N
BBBB	Emission Guidelines and Compliance Times for Small Municipal Waste Constructed on or Before August 30, 1999	N
CCCC	Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 or for Which Modification or Reconstruction is Commenced After June 1, 2001	N
DDDD	Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction On or Before November 30, 1999	N
EEEE	Standards of Performance for Other Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced on or After June 16, 2006	N
FFFF	Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units that Commenced Construction On or Before December 9, 2000	N
GGGG	Reserved	N
HHHH	Emission Guidelines and Compliance Times for Coal-Fired Electric Steam Generating Units	N
IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	N
JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	N
KKKK	Standards of Performance for Stationary Combustion Turbines	N
<b>Part 3. 40 CFR 61 National Emission Standards for Hazardous Air Pollutants</b>		
Subpart:		
A	General Provisions	N
B	Radon Emissions from Underground Uranium Mines	N
C	Beryllium	N
D	Beryllium Rocket Motor Firing	N
E	Mercury	N
F	Vinyl chloride	N

## Attachment - Applicable and Non-Applicable Federal and State Regulations

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PERMIT SHIELD		
1.Citation	2. Regulation	3. Applicable (Y/N)
H	Radionuclides Other Than Radon From Department of Energy Facilities	N
I	Radionuclide Emissions From Facilities Licensed by the Nuclear Regulatory Commission and Federal Facilities Not covered by Subpart H	N
J	Equipment Leaks (Fugitive Emission Source) of Benzene	N
K	Radionuclide Emissions From Elemental Phosphorus Plants	N
L	Benzene Emissions From Coke By-Product Recovery Plants	N
M	Asbestos	N
N	Inorganic Arsenic Emissions From Glass Manufacturing Plants	N
O	Inorganic Arsenic Emissions From Primary Copper Smelters	N
P	Inorganic Arsenic Emissions From Arsenic Trioxide and Metallic Arsenic Production Facilities	N
Q	Radon Emissions From Department of Energy Facilities	N
R	Radon Emissions From Phosphogypsum Stacks	N
T	Radon Emissions From the Disposal of Uranium Mill Tailings	N
V	Equipment Leaks (Fugitive Emission Sources)	N
W	Radon Emissions From Operating Mill Tailings	N
Y	Benzene Emissions From Benzene Storage Vessels	N
BB	Benzene Emissions From Benzene Transfer Operations	N
FF	Benzene Waste Operations	N
<b>Part 4. 40 CFR 63 National Emission Standards for Hazardous Air Pollutants for Source Categories</b>		
Subpart:		
A	General Provisions	Y
B	Requirements for Control Technology Determinations for Major Sources	Y
C	De-Listings	Y
D	Compliance Extensions for Early Reduction Sources	Y
E	Approval of State Programs and Delegation of Authority	Y
F	Synthetic Organic Chemical Manufacturing Industry, HON	N
F	Tetrahydrobenzaldehyde Manufacture (Formerly Butadiene Dimers Production)	N
G	Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater, HON	N
H	Synthetic Organic Chemical Manufacturing Industry for Equipment Leaks, HON	N



## Attachment - Applicable and Non-Applicable Federal and State Regulations

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PERMIT SHIELD		
1.Citation	2. Regulation	3. Applicable (Y/N)
I	Synthetic Organic Chemical Manufacturing Industry for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks, HON	N
J	Polyvinyl Chloride and Copolymers Production	N
L	Coke Ovens	N
M	Dry Cleaning	N
N	Chrome Electroplating	N
O	Ethylene Oxide Commercial Sterilization Facilities	N
Q	Industrial Process Cooling Towers	N
R	Gasoline Distribution (Bulk Gasoline Terminals and Pipeline Breakout Stations), Stage I	N
S	Pulp and Paper Cluster Rule	N
T	Degreasing Organic Cleaners (Halogenated Solvent Cleaning)	N
U	Polymers and Resins Group I	N
W	Polymers and Resins Group II, Epoxy Resins Production and Non-Nylon Polyamides Production	N
X	Secondary Lead Smelting	N
Y	Marine Vessel Unloading Operations	N
AA	Phosphoric Acid Manufacturing Plants	N
BB	Phosphate Fertilizers	N
CC	Petroleum Refineries	N
DD	Off-Site Waste and Recovery Operations	N
EE	Magnetic Tape Manufacturing	N
FF	Benzene Waste Operations	N
GG	Aerospace Manufacturing and Rework Facilities	N
HH	Oil and Gas Production Facilities	N
II	Shipbuilding and Ship repair Facilities (Coating Operations)	N
JJ	Wood Furniture Manufacturing Operations	Y
KK	Printing and Publishing	N
LL	Primary Aluminum Reduction Plants	N
MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills	N
OO	Tanks- Level 1	N

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PERMIT SHIELD		
1.Citation	2. Regulation	3. Applicable (Y/N)
WW	Tanks - Level 2	N
PP	Containers	N
QQ	Surface Impoundments QQ	N
RR	Individual Drain Systems	N
SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or Process	N
TT	Equipment Leaks-Control Level 1	N
UU	Equipment Leaks-Control Level 2	N
VV	Oil-Water Separators and Organic-Water Separators	N
YY	Generic Maximum Achievable Control Technology (MACT) Standards	N
CCC	Steel Pickling Facilities	N
DDD	Mineral Wool Production	N
EEE	Hazardous Waste Combustors	N
GGG	Pharmaceuticals Production	N
HHH	Natural Gas Transmission and Storage Facilities	N
III	Flexible Polyurethane Foam Production	N
JJJ	Polymers and Resins Group IV	N
LLL	Portland Cement Manufacturing	N
MMM	Pesticide Active Ingredients Production	N
NNN	Wool Fiberglass Production	N
OOO	Manufacture of Amino/Phenolic Resins	N
PPP	Polyether Polyols Production	N
QQQ	Primary Copper	N
RRR	Secondary Aluminum Production	N
TTT	Primary Lead Smelting	N
UUU	Petroleum Refineries (catalytic cracking, catalytic reforming and sulfur plant units)	N
VVV	Publicly Owned Treatment Works	N
XXX	Ferroalloy Production	N
AAAA	Municipal Solid Waste (MSW) Landfills	N
CCCC	Manufacturing of Nutritional Yeast	N

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PERMIT SHIELD		
1.Citation	2. Regulation	3. Applicable (Y/N)
DDDD	Plywood and Composite Wood Products	N
EEEE	Organic Liquids Distribution (non-gasoline)	N
FFFF	Misc. Organic Chemical Manufacturing (MON)	N
GGGG	Solvent Extraction for Vegetable Oil Production	N
HHHH	Wetted Formed Fiberglass Mat Production	N
IIII	Automobile and Light Duty Trucks (surface coating)	N
JJJJ	Paper & Other Web Coatings (paper, plastic, film, foil, etc.)	N
KKKK	Metal Cans (Surface Coating)	N
MMMM	Misc. Metal Parts and Products (Surface Coating)	N
NNNN	Large Appliance (surface coating)	N
OOOO	Fabric Printing, Coating and Dyeing	N
PPPP	Plastic Parts and Products (Surface Coating)	Y
QQQQ	Wood Building Products (surface coating)	N
RRRR	Metal Furniture (surface coating)	N
SSSS	Metal Coil (surface coating)	N
TTTT	Leather Finishing Operations	N
UUUU	Cellulose Production Manufacturing	N
VVVV	Boat Manufacturing	Y
WWWW	Reinforced Plastics Composites Production	N
XXXX	Tire Manufacturing	N
YYYY	Combustion Turbines	N
ZZZZ	Reciprocating Internal Combustion Engines (RICE)	N
AAAAA	Lime Manufacturing	N
BBBBB	Semiconductor Manufacturing	N
CCCCC	Coke Ovens: Pushing, Quenching and Battery Stacks	N
DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	N
EEEEEE	Iron and Steel Foundries	N
FFFFFF	Integrated Iron and Steel	N
GGGGG	Site Remediation	N
HHHHH	Misc. Coating Manufacturing	N

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<b>PERMIT SHIELD</b>		
<b>1.Citation</b>	<b>2. Regulation</b>	<b>3. Applicable (Y/N)</b>
IIIII	Mercury Cell Chlor-Alkali Plants	N
JJJJ	Brick and Structural Clay Products Manufacturing	N
KKKKK	Clay Ceramic Manufacturing	N
LLLLL	Asphalt Roofing and Asphalt Processing	N
MMMMM	Flexible Polyurethane Foam Fabrication Operation	N
NNNNN	Hydrochloric Acid Production and Fumed Silica Production - PROPOSED	N
PPPPP	Engine Test Cells/Standards	N
QQQQQ	Friction Materials Manufacturing	N
RRRRR	Taconite Iron Ore Processing	N
SSSSS	Refractory Products Manufacturing	N
TTTTT	Primary Magnesium Refining	N
<b>Part 5. 40 CFR 64 Compliance Assurance Monitoring</b>		
Subpart:		
All	Compliance Assurance Monitoring	N
<b>Part 6. 40 CFR 68 Accidental Release Prevention Requirements</b>		
Subpart:		
All	Risk Management Programs Under Section 112(r)	N